

AMENDMENTS TO THE SPECIFICATION

[0028] The body 36 is shown in FIGS. 6, 7 and 8. The body 36 has a positioning groove 62 located at the top thereof, has an increased mass or, a weight of about 4.63 pounds, as well as an increased outer radius 68 of about 2.62 inches. The body 36 is fabricated from a first sound dampening material, which in a preferred embodiment, is of gray iron, as specified hereinbefore, which exhibits good sound-dampening characteristics. In addition, the size, weight and mass of the body is maximized so as to maximize sound dampening. The outside diameter is increased, but is limited by the size of the compressor. The inside diameter or cavity is maintained for cooperation with the rotor assembly.

[0032] FIGS. 10, 11 and 12 show the shroud 16. The shroud 16 is a cylindrical member which fits about the body 18 and engages the rear plate 14 and the front plate 56. The shroud is a solid non-vented member which can be made of a laminated structure seen in FIG. 12. The laminated structure may include at least one of includes an outer metal layer 70[[,]] and an inner metal layer 72. Also, the laminated structure includes and an intermediate viscous layer 74 made from a second sound dampening material. The solid or non-vented structure and the laminated structure contributes to the dampening or sound reduction. The inner and outer layers are 24 to 26 gauge Galvaneal steel (Galvaneal steel is electro-galvanized steel which is made for painting) and the sound dampening material is a viscous material such as Acrylic pressure sensitive adhesive. The laminate can be purchased from Roush Anatrol Main Office, 11953 Market Street, Livonia, Mich. 48100, under the trade name Anatrol 980.